

IN THE CLAIMS:

Please cancel Claims 4 to 10, 15 to 21, 23 and 24 without prejudice or disclaimer of the subject matter presented therein and without conceding the correctness of their rejections. Please amend Claims 1 to 3, 11 to 14 and 22 and add new Claims 25 to 33 as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) An A-radiographic apparatus adapted for radiographing ~~obtaining a radiograph of~~ an object, comprising:

a grid movement controller adapted for controlling a movement of a grid in ~~a reciprocating movement thereof;~~

an input unit adapted for inputting a method information parameter relating to a radiographic method; ~~and~~

an imaging controller adapted for determining a target speed ~~setting a movement parameter relating to the movement of the grid to be used by said grid movement controller, based on the method information parameter input by said input unit;~~

and

a display unit adapted for displaying information relating to an effective radiation exposure time range corresponding to the target speed.

2. (Currently Amended) The A-radiographic apparatus according to claim 1, further comprising a sensor unit adapted for detecting a radiation image of the object for sensing the object to obtain a radiograph of the object through the grid, wherein said sensor unit includes a plurality of pixels.

3. (Currently Amended) ~~The A radiographic apparatus according to claim~~  
1, wherein the method information includes ~~parameter comprises at least~~ information  
relating to at least one of a section of the object to be radiographed and a radiation  
exposure time imaged.

4 to 10. (Cancelled)

11. (Currently Amended) ~~The A radiographic apparatus according to claim~~  
1, further comprising an exposure time acquisition unit for measuring or acquiring  
information data relating to an actual radiation exposure time,

wherein the target speed to be determined ~~the movement parameter set by~~  
said imaging controller is modified based on the information data measured or acquired by  
said exposure time acquisition unit.

12. (Currently Amended) ~~A radiographic method adapted for radiographing~~  
~~for obtaining a radiograph of~~ an object, comprising the steps of:

controlling a movement of a grid ~~which reciprocatingly moves~~;

inputting a method information parameter relating to a radiographic method;

and

determining a target speed ~~setting a movement parameter relating to the~~  
~~movement of the grid to be used in said grid movement~~ controlling step, based on the  
method information parameter input in said inputting step; and

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displaying information relating to an effective radiation exposure time range  
corresponding to the target speed.

13. (Currently Amended) The A-radiographic method according to claim 12, further comprising a step of detecting a radiation image of the object ~~sensing the object to obtain the radiograph of the object through the grid, wherein a sensor unit including a plurality of pixels is used in said sensing step.~~

14. (Currently Amended) The A-radiographic method according to claim 12, wherein the method information includes ~~parameter comprises at least~~ information relating to at least one of a section of the object to be radiographed and a radiation exposure time imaged.

15 to 21. (Cancelled)

22. (Currently Amended) The A-radiographic method according to claim 12, further comprising a step of measuring or acquiring information data relating to an actual radiation exposure time,

wherein the target speed to be determined in said determining movement ~~parameter set in said parameter setting step~~ is modified based on the information data measured or acquired in said measuring or acquiring exposure time acquisition step.

23 and 24. (Cancelled)

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25. (New) The apparatus according to claim 1, wherein said display unit is adapted for displaying a standard radiation exposure time within the effective radiation exposure time range.

26. (New) The apparatus according to claim 1, wherein the effective radiation exposure time range is determined based on a moving amount of the grid which moves at the target speed in one direction.

27. (New) The apparatus according to claim 25, wherein the standard radiation exposure time is determined by dividing the effective radiation exposure time range by a ratio of  $m:n$ , where  $m$  and  $n$  are natural numbers.

28. (New) The apparatus according to claim 25, further comprising a modifying unit adapted for modifying the standard radiation exposure time,  
wherein said imaging controller is adapted for determining the target speed based on the standard radiation exposure time modified by said modifying unit.

29. (New) The method according to claim 12, wherein in said displaying step a standard radiation exposure time within the effective radiation exposure time range is displayed.

30. (New) The method according to claim 12, wherein the effective radiation exposure time range is determined based on a moving amount of the grid which moves at the target speed in one direction.

31. (New) The method according to claim 29, wherein the standard radiation exposure time is determined by dividing the effective radiation exposure time range by a ratio of  $m:n$ , where  $m$  and  $n$  are natural numbers.

32. (New) The method according to claim 29, further comprising a step of modifying the standard radiation exposure time,  
wherein in said determining step the target speed is determined based on the standard radiation exposure time modified in said modifying step.

33. (New) A computer-readable storage medium storing a software program which makes a computer execute a process according to a method adapted for radiographing an object, the method comprising the steps of:

controlling a movement of a grid;  
inputting method information relating to a radiographic method;  
determining a target speed of the grid to be used in said controlling step,  
based on the method information input in said inputting step; and  
displaying information relating to an effective radiation exposure time range  
corresponding to the target speed.

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